**Index of Claims** 

App	lication	/Contro	No.
	incation	,0011610	1110

10/739,887

Examiner

B. Chen

Applicant(s)/Patent under Reexamination

HARTIG, KLAUS

Art Unit

1762

<b>√</b>	Rejected
=	Allowed

1	(Through numeral) Cancelled
÷	Restricted

Z	Non-Elected
1	Interference

A	Appeal
0	Objected

Claim	Cla	nim	_				)at				_	1	Cla	nim	1				Dat	_
1   n   51   52     3   n   54   55     5   n   56   55     6   n   56   57     8   n   58   59     9   n   60   60     11   n   61   61     12   n   62   63     13   n   63   64     15   n   66   65     16   n   66   66     17   n   68   68     19   n   68   69     20   n   70   71     21   n   74   72     23   n   76   77     28   n   78 <td></td> <td>1</td> <td><math>\vdash</math></td> <td><del></del></td> <td>r</td> <td><del>'</del></td> <td></td> <td><u> </u></td> <td>Γ-</td> <td>T-</td> <td>_</td> <td></td> <td>Ŏ.</td> <td>1</td> <td><del>                                     </del></td> <td></td> <td>_</td> <td>Τ.</td> <td></td> <td>Ë</td>		1	$\vdash$	<del></del>	r	<del>'</del>		<u> </u>	Γ-	T-	_		Ŏ.	1	<del>                                     </del>		_	Τ.		Ë
1	Final	Original	3/19/06		:								Final	Original						
3			_											51						ľ
4 n   5 n   55 n   55 n   55 n   55 n   55 n   56 n   55 n   56 n   57 n   58 n   59 n   60 n   61 n   61 n   61 n   61 n   62 n   63 n   64 n   65 n   66 n   67 n   66 n   67 n   67 n   68 n   68 n   69 n   69 n   69 n   69 n   69 n   70 n   70 n   71 n   71 n   72 n   72 n   72 n   72 n   72 n   73 n   74 n   75 n   75 n   75 n   75 n   75 n   <			n	<u> </u>	_	L	L	L	<u> </u>	$ldsymbol{ld}}}}}}$	<u> </u>						_	_		L
5     n       6     n       7     n       55     56       7     n       57     58       9     n       10     n       60     60       11     n       61     62       13     n       63     63       14     n       65     63       15     n       66     66       17     n       68     69       20     n       21     n       22     n       70     71       22     n       70     71       22     n       70     72       23     n       74     72       23     n       75     75       26     n       77     77       28     n       79     30	<u></u>		n	<u></u>	_	<u></u>		<u> </u>	L	L	<u> </u>						L.	_	L	L
6   n   56     7   n   57     8   n   58     9   n   60     111   n   61     12   n   62     13   n   63     14   n   64     15   n   65     16   n   66     17   n   67     18   n   68     19   n   69     20   n   70     21   n   71     22   n   72     23   n   73     24   n   74     25   n   76     27   n   77     28   n   78     29   n   79     30   n   81     32   n   82     33   n   84     35   n   85     36   n   86     37   n   88     33			n	_		lacksquare	┖	$oxed{oxed}$			<u> </u>				Ш		<u> </u>	_	_	L
7   n     8   n     9   n     10   n     60   60     11   n     61   62     13   n     62   63     14   n     65   66     15   n     66   67     18   n     19   n     20   n     21   n     22   n     70   71     22   n     70   71     22   n     70   72     23   n     74   72     23   n     75   75     26   n     77   78     29   n     30   n     31   n     32   n     33   n     34   n     35   n     36   n     36			n		_	L	L		L		L				Ш		<u> </u>			L
8 n   9 n     10 n   60     11 n   61     12 n   62     13 n   63     14 n   64     15 n   65     16 n   66     17 n   67     18 n   68     19 n   69     20 n   70     21 n   71     22 n   73     24 n   74     25 n   75     26 n   76     27 n   77     28 n   79     30 n   80     31 n   81     32 n   82     33 n   84     35 n   85     36 n   86     37 n   88     39 v   88     39 v   90     41 v   91     42 v   92     43 v   93     44 v   94     45 v   96     47 v   97     48   98			n		_	_		L.			L.				Ш		L	L		L
9 n   59   60   61   11 n   62   13 n   63   64   65   66   65   66   67   67   67   67	<u> </u>		_		<u> </u>	L_	_	_	_	_	<u> </u>	ļ		57	Ш		_	L		L
10 n 60 61 61 62 13 n 63 14 n 64 15 n 65 66 66 17 n 65 66 66 67 17 n 66 66 67 18 n 66 66 67 18 n 66 66 67 19 n 66 66 67 19 n 66 67 19 n 66 67 19 n 70			_	<u> </u>	ļ	_	<u> </u>	<u> </u>	L	_					Щ		<u> </u>	L_	_	L
11	L		n		_	<u> </u>	<u> </u>	_	<u> </u>	_	<u>L</u>				Щ				ļ	L
12					_	<u> </u>			_	<u> </u>									_	L
13					_			_		_					Ш		_	_	<u> </u>	L
14 n   64     15 n   65     16 n   65     17 n   68     19 n   69     20 n   70     21 n   72     23 n   74     25 n   75     26 n   76     27 n   77     28 n   78     29 n   79     30 n   80     31 n   80     31 n   82     33 n   84 n     35 n   85     36 n   85     37 n   87     38 v   88     39 v   88     40 v   90     41 v   91     44 v   92     43 v   94     45 v   96     47   96     47   97     98	Ļ		-	$\vdash$		_		<u> </u>	_		⊢			62	Н			_	<u> </u>	L
15	<u> </u>							1	-	-	ļ			63	H		<u> </u>	-	-	┞
16 n   17 n   66     17 n   68   67     18 n   68   69     20 n   70   71     21 n   71   72     23 n   73   74     25 n   75   76     27 n   77   78     29 n   79   30 n     31 n   81   82     33 n   83   83     34 n   84   85     36 n   86   87     38 v   88   89     40 v   90   41 v     42 v   92   93     43 v   94   94     45 v   96   97     48   98   98	<u> </u>		-	<u> </u>		_		-	$\vdash$	-	<u> </u>				Н		_	<u> </u>		L
17 n   18 n   66     19 n   68   69     20 n   70   71     21 n   72   73     23 n   73   74     25 n   75   76     26 n   76   77     28 n   79   78     29 n   79   30 n   80     31 n   81   82     33 n   83   83     34 n   84   84     35 n   86   87     38 v   88   89     40 v   90   91     41 v   92   93     44 v   94   94     45 v   96   97     48   98   98	<u> </u>			<u> </u>				}_	-	-	ļ				Н	_		<u> </u>	<u> </u>	╀
18 n   68     19 n   69     20 n   70     21 n   71     22 n   72     23 n   73     24 n   74     25 n   75     26 n   76     27 n   77     28 n   79     30 n   80     31 n   81     32 n   82     33 n   83     34 n   84     35 n   85     36 n   86     37 n   87     38 v   89     40 v   90     41 v   91     42 v   92     43 v   93     44 v   94     45 v   95     46 v   96     47   97     48   98	$\vdash$		-	⊢				-	-	H	⊢				Н			-	├	╀
19 n   69     20 n   70     21 n   71     22 n   72     23 n   73     24 n   74     25 n   75     26 n   76     27 n   77     28 n   79     30 n   80     31 n   81     32 n   82     33 n   83     34 n   84     35 n   85     36 n   86     37 n   88     39 v   90     41 v   91     42 v   92     43 v   94     44 v   94     45 v   96     47   97     48   98	-		-				_	-	⊢	⊢	├-				H			<u> </u>	├	┞
20 n   70     21 n   71     22 n   72     23 n   73     24 n   74     25 n   75     26 n   76     27 n   77     28 n   79     30 n   80     31 n   81     32 n   82     33 n   83     34 n   84     35 n   85     36 n   86     37 n   88     39 v   89     40 v   90     41 v   91     42 v   92     43 v   94     45 v   96     47   97     48   98				<u> </u>				├		<del> </del> —	⊢			68	Н			_	-	L
21 n   71     22 n   72     23 n   73     24 n   74     25 n   75     26 n   76     27 n   77     28 n   79     30 n   80     31 n   81     32 n   82     33 n   83     34 n   84     35 n   85     36 n   86     37 n   88     39 v   89     40 v   90     41 v   91     42 v   92     43 v   94     45 v   96     47   97     48   98			-	-	-	-	-	-	-	-	<b> </b>				<del>                                     </del>		<u> </u>	<u> </u>	$\vdash$	┞
22 n   72     23 n   73     24 n   74     25 n   75     26 n   76     27 n   77     28 n   78     29 n   79     30 n   80     31 n   81     32 n   82     33 n   83     34 n   84     35 n   85     36 n   86     37 n   88     39 v   89     40 v   90     41 v   91     42 v   92     43 v   94     45 v   96     47   97     48   98				<u> </u>	-	_	_		-		├				H		<u> </u>		├	┞
23   n   73     24   n   74     25   n   75     26   n   76     27   n   77     28   n   78     29   n   79     30   n   80     31   n   81     32   n   82     33   n   83     34   n   84     35   n   86     37   n   86     37   n   88     39   v   90     41   v   90     41   v   92     43   v   93     44   v   94     45   v   96     47   97     48   98				-	-		<u> </u>	├		⊢					-		_	<u> </u>	<u> </u>	Ł
24 n   74     25 n   75     26 n   76     27 n   77     28 n   78     29 n   79     30 n   80     31 n   81     32 n   82     33 n   83     34 n   84     35 n   85     36 n   86     37 n   88     39 v   88     40 v   90     41 v   91     42 v   92     43 v   94     45 v   95     46 v   96     47   97     48   98					-	-	-	-	ļ		<u> </u>				$\vdash$		_	<u> </u>		╀
25			-	⊢	<u> </u>		_		$\vdash$	├	⊢				Н		_	-	-	┞
26 n   76     27 n   77     28 n   78     29 n   79     30 n   80     31 n   81     32 n   82     33 n   83     34 n   84     35 n   85     36 n   86     37 n   87     38 v   88     39 v   89     40 v   90     41 v   91     42 v   92     43 v   94     44 v   94     45 v   96     47   97     48   98	ļ			<u> </u>		-		-	$\vdash$	⊢	-			75		_		<del> </del>	┝	╀
27 n   77     28 n   78     29 n   79     30 n   80     31 n   81     32 n   82     33 n   83     34 n   84     35 n   85     36 n   86     37 n   87     38 v   88     39 v   89     40 v   90     41 v   91     42 v   92     43 v   93     44 v   94     45 v   95     46 v   96     47   97     48   98		26	_	$\vdash$		$\vdash$	_		-	-	⊢		_		Н	-		├	⊢	╀
28 n   78     29 n   79     30 n   80     31 n   81     32 n   82     33 n   83     34 n   84     35 n   85     36 n   86     37 n   87     38 v   88     39 v   89     40 v   90     41 v   91     42 v   92     43 v   93     44 v   94     45 v   95     46 v   96     47   97     48   98			-	┢	_	-		$\vdash$	┢	$\vdash$	┝	1			H			-	┝	H
29 n 79   30 n 80   31 n 81   32 n 82   33 n 83   34 n 84   35 n 85   36 n 86   37 n 87   38 v 88   39 v 88   40 v 90   41 v 91   42 v 92   43 v 93   44 v 94   45 v 95   46 v 96   47 97   48 98			-		-	-		-			$\vdash$				$\vdash$		_	-	┝	╁
30				$\vdash$					├						-		$\vdash$	$\vdash$	H	H
31 n 81   32 n 82   33 n 83   34 n 84   35 n 85   36 n 86   37 n 87   38 v 88   39 v 88   40 v 90   41 v 91   42 v 92   43 v 93   44 v 94   45 v 95   46 v 96   47 97   48 98	-								-		$\vdash$	1		80	$\vdash$	_	_	┢	$\vdash$	H
32 n 82   33 n 83   34 n 84   35 n 85   36 n 86   37 n 87   38 v 88   39 v 89   40 v 90   41 v 91   42 v 92   43 v 93   44 v 94   45 v 95   46 v 96   47 97   48 98				-	-	-		<del>                                     </del>	_	┢	$\vdash$	l	-		-		$\vdash$	$\vdash$	$\vdash$	H
33 n 83 84 84 85 85 85 86 86 87 88 88 88 88 89 89 89 89 89 89 89 89 89			_	$\vdash$				$\vdash$	-		┪	1 1			$\vdash$	_	_	-	<del>                                     </del>	t
34 n   35 n   36 n   37 n   38 v   39 v   40 v   41 v   42 v   43 v   44 v   45 v   46 v   48 98			-		-	_	$\vdash$	$\vdash$				1			H	_	$\vdash$	-	$\vdash$	H
35 n 85 86 86 87 88 88 88 89 90 90 90 91 91 91 92 92 94 94 94 94 94 94 95 95 96 96 97 98 98			-				$\vdash$	1		-					H		_	$\vdash$	$\vdash$	H
36 n 86 87 88 88 89 90 90 90 91 91 92 92 92 94 94 94 94 94 95 95 96 96 97 98 98			_	_		Т			┢		<u> </u>				$\vdash$		_		-	t
37 n 87 88 88 89 90 90 90 91 91 91 92 92 93 93 94 94 94 94 95 95 96 96 97 97 98 98		36	-				$\vdash$								H				-	t
38 v 88 89 90 90 90 91 91 92 92 93 93 94 94 94 95 95 96 96 97 97 98 98			$\overline{}$	Т	_	$\vdash$			_	┪	$\vdash$	1			H		_			t
39 v 89 90 90 91 41 v 91 92 92 93 93 94 44 v 94 95 95 96 96 97 48 98			<b>v</b>		_							li			П					t
40 v 90 91 91 92 92 93 93 94 94 94 95 96 96 97 97 98 98			>									i I			П				_	r
41 v 91 92 92 93 93 94 94 95 95 96 96 97 98 98			٧								$\vdash$	il			П					T
42 v   92   93   94   94   95   96   97   98   98   98   98   98   98   98		41													П					Γ
43   v   93   94   94   95   96   97   98   98   98   98   98   98   98		42	V						<u> </u>						H					Γ
44 v 94 95 95 96 96 97 98 98		43	٧						Ĺ	L				93						Γ
46 v 96 97 97 48 98			٧											94						Γ
47 97 98 98 98 98 98 98 98 98 98 98 98 98 98			٧									Ιİ		95						
47 97 98 98			v						L	L	Ĺ									Γ
														97						Γ
49   99   99   1																				Γ
																				ſ
50 100 100	L]	50										[		100				$L^{-}$		

Cia	-i	Date									
Cla		<u> </u>	_	_	1	Jau	<del>e</del>	-		1	
Final	Original										
	51										
	51 52								Ι_		
	53										
	54										
	53 54 55										
	56										
	57	_									
	58			L_	<u> </u>			L.	L		
<u></u>	59			L				L		<u>_</u>	
	60				L			L	<u> </u>	L	
	61 62	<u> </u>			L	L		L	_		
	62	L_	<u>_</u>		_	_	<u> </u>	<u> </u>			
L	63	_		<u> </u>	ļ	<u> </u>	_			<u> </u>	
<u> </u>	64 65	<u> </u>		_	ļ		ļ	_	_	_	
L	65	dash	_	ļ	<u> </u>	ļ	ļ	<u> </u>		<u> </u>	
<u> </u>	66 67	<u> </u>	<u> </u>		<u> </u>	<u> </u>	<u> </u>	<u> </u>	_	_	
<u> </u>	6/	<u> </u>	<u> </u>		<u> </u>	<u> </u>	┞	<u> </u>	_	<u> </u>	
<u> </u>	68 69	├		<u> </u>	├	-		<del> </del>	<u> </u>	<u> </u>	
<u> </u>	70	_		-	<u> </u>	$\vdash$	-	-			
<b> </b>	71	-				<u> </u>	$\vdash$	$\vdash$	_		
<u> </u>	70	<del> </del>	<u> </u>	┞	<u> </u>	<u> </u>			-	┡	
<u> </u>	72	┝	-	-	<u> </u>		$\vdash$	┞	_	┞	
<u> </u>	70 71 72 73 74 75 76 77	$\vdash$	-	⊢	├	-	┝	├	$\vdash$	⊢	
-	75	-	_	-	$\vdash$	$\vdash$	-	-	┢─	┢	
	76	-		-	<del>  -</del>	$\vdash$		$\vdash$	$\vdash$	$\vdash$	
	77			<b>-</b>	-			$\vdash$	<u> </u>		
	78			$\vdash$	$\vdash$	$\vdash$		$\vdash$	<del>                                     </del>	H	
	79			Т	$\vdash$						
	80			T	$\vdash$	Г					
	81				Г						
	82										
	82 83										
	84										
	85										
	86			L							
	87			<u> </u>			L_	L			
	88							_			
	89		L	<u> </u>	$oxed{oxed}$		L	Ш	Ĺ		
ļ	90			<u> </u>		_			<u> </u>	_	
<u> </u>	91				_			<u> </u>	L		
	92	_		<u> </u>	_		_	L			
<u> </u>	93	$\vdash$	_		$\vdash$				H		
$\vdash$	94	<u> </u>	_	L	<u> </u>				-		
$\vdash$	95 96	$\vdash$	$\vdash$	_	$\vdash$	_	<u> </u>		$\vdash$	_	
-	96	$\vdash$	$\vdash$	├		$\vdash$	$\vdash$	<u> </u>	<del> </del>	-	
$\vdash$	98	-	$\vdash$	<u> </u>	$\vdash$		-	-	$\vdash$	<u> </u>	
$\vdash \vdash$	99	$\vdash$	$\vdash$	$\vdash$	$\vdash$		$\vdash$	<u> </u>	$\vdash$		
$\vdash$	100	H	H	<del> </del>	$\vdash$	-	-	<del> </del>	-	$\vdash$	
L	LIVU			ı		1		ı		i	

Claim		Date										
Final	Original											
	101 102 103											
	102											
	103		L			L_		<u></u>				
	104 105			L	_	_	_					
	105		ㄴ			_	<u> </u>	ļ	<u> </u>	Ш		
ļ	106			<u> </u>	<u> </u>	<u> </u>	_	<u> </u>	<u> </u>			
	107 108	_	-	-	H	<u> </u>	⊢	├-		$\vdash$		
	109		_		-	-	<u> </u>	-	<u> </u>	Н		
	110			$\vdash$	$\vdash$	-	┝		$\vdash$	Н		
	111		_	$\vdash$			$\vdash$	$\vdash$	$\vdash$	Н		
	112	_	<u> </u>	Н		-	$\vdash$	Н	Н	H		
	113			$\vdash$			Г	Т	П	H		
	114									П		
	113 114 115											
	116 117 118											
	117			L_	L		_		L	Ш		
	118			<u> </u>	<u> </u>	L	L	L		Ш		
	119			<u> </u>	<u> </u>	<u> </u>	<u> </u>	_		Ш		
	120			┝	_	<u> </u>	<u> </u>	_		Н		
	121	_		├	├	┝	⊢		H	$\vdash$		
	122	-		┢	$\vdash$	$\vdash$		-	-	Н		
	124			├	┢	$\vdash$	$\vdash$	-	-	Н		
	125			<u> </u>	<u> </u>	<u> </u>	<u> </u>		-	Н		
	120 121 122 123 124 125 126 127 128 129 130 131 132 133									П		
	127											
	128				<u> </u>		L_					
	129			_	<u> </u>		_	_	_	Ш		
	130			_	<u> </u>		<u> </u>	┡	_	Н		
	131		_	<u> </u>	⊢	<u> </u>	-	<u> </u>	⊢	$\vdash$		
	132			┝	$\vdash$	-	$\vdash$	$\vdash$	<u> </u>	$\vdash$		
<b></b>	134	_	_	┢		$\vdash$	$\vdash$	$\vdash$		Н		
	134 135 136		$\vdash$		-	_	H		H	H		
	136			Г					Г	H		
	137							Г	Г	П		
	138 139											
	139											
	140			L		$oxed{\Box}$				Ш		
<b> </b>	141		_	L	<u> </u>	<u> </u>	ļ	Щ	<u> </u>	Щ		
	142 143	_					<u> </u>	$\vdash$		$\vdash \mid$		
	144				-	$\vdash$		-	_	$\vdash \vdash$		
	145			H	H	-	-		H	Н		
	146	Н			H	$\vdash$	-	-		Н		
	147		_	-	-		-	_		Н		
	148	Н	-	Н		-				$\vdash \vdash$		
	149				П					Н		
	150											
									_			